

ABSTRACT

A device for determining at least one parameter of a medium flowing in a line in a main flow direction includes a part adapted for introduction into the line. The part may include a measuring element for determining the at least one parameter; a measuring channel that may include an inlet, an outlet, a bent first section between the inlet and the measuring element, and a second section into which the first section may transition, the measuring element being located in the second section; and a projection, where a partial stream of the medium may flow in a measuring channel flow direction from the inlet to the outlet, the first section may redirect the partial stream after entering the measuring channel, and the projection may project into the measuring channel at a location downstream from the inlet and upstream from the measuring element relative to the measuring channel flow direction to direct the flow of the partial stream, and counteract a separation of the flow of the partial stream from channel walls of the measuring channel.